

Remarks

This Reply is in response to the Final Office Action mailed June 23, 2008.

I. Summary of Examiner's Rejections

Prior to the Office Action mailed June 23, 2008, Claims 1-55 and 57 were pending in the Application. In the Office Action, Claims 1-55 and 57 were rejected under 35 U.S.C. §102(e) as being anticipated by Kim et al. (U.S. Patent Publication No. 2004/0125124 A1, here after Kim).

II. Summary of Applicant's Amendments

The present response amends Claims 1-2, 4, 7, 11-12, 15, 29-30, 37-38, 41, 47, 51-52, 55, and 57, cancels Claim 14, 16-28, 40, and 54, and adds Claim 58, leaving for the Examiner's present consideration Claims 1-13, 15, 29-39, 41-53, 55, and 57-58. Support for the amendments and new claims is provided in the application as originally filed. Accordingly, no new matter has been added.

III. New Claim

Claim 58 has been newly added in the present Response, and consideration of Claim 58 is respectfully requested.

IV. Claim Rejections under 35 U.S.C. §102(e)

In the Office Action mailed June 23, 2008, Claims 1-55 and 57 were rejected under 35 U.S.C. §102(e) as being anticipated by Kim et al. (U.S. Patent Publication No. 20040125124 A1, hereafter Kim).

Claim 1

Claim 1 has been amended to more clearly define the embodiment therein. As amended, Claim 1 defines generating a control tree that is a logical representation of the GUI.

In the Office Action, figure 2B of Kim was cited as disclosing a control tree that is a logical representation of a GUI. Figure 2B of Kim discloses a video stream consisting of multiple video segments and a tree-structured video hierarchy wherein the root node represents the entire video stream while each successive child node in the hierarchy further represents a subset of the segment of the video stream represented by the parent node in the hierarchy.

(paragraph [0101]). It is respectfully submitted that a video stream, as disclosed in figure 2B of Kim, is not a GUI because it is well known in the art that a GUI allows user interaction with, for example, a computer, using graphical elements. In contrast, Kim does not show that any direct interaction with a video stream is possible because a video stream appears to be only a set of video data that requires a video player in order to be displayed as a video. Thus, because the video stream disclosed in Kim is not a GUI, Kim cannot teach generating a control tree that is a logical representation of the GUI.

Claim 1 has also been further amended to define the generated control tree as including: a portlet control that represents the portlet and a set of controls that interact with each other through an event notification mechanism by raising and responding to events, wherein the set of controls represents graphical and functional elements of the GUI which are related hierarchically to each other.

First, it is well known that portlets have a specific technical definition that is well known in the art. However, Kim does not mention the word "portlet" or the phrase "portlet control" anywhere within the reference. Thus, Kim does not disclose a control tree that includes a portlet control that represents the portlet.

Second, while each node in the video hierarchy disclosed in Kim represent a video segment, those video segments represented by each node do not appear to be able to interact with each other through an event notification mechanism by raising and responding to events, because video segments alone by definition have no way of communicating by raising or responding to events, as required by claim 1 as amended. Instead, there must be additional functionality within each node that would allow them to raise and respond to events. However, Kim does not disclose any such additional functionality. Thus, Kim also does not disclose a set of controls that interact with each other through an event notification mechanism by raising and responding to events, wherein the set of controls represents graphical and functional elements of the GUI which are related hierarchically to each other, as required by claim 1 as amended.

Furthermore, Kim also does not disclose advancing the control tree through a plurality of stages in a lifecycle based on the request, wherein the lifecycle is defined by a set of stages, and wherein the set of controls in the control tree are allowed to perform certain tasks depending on the control tree's stage in the lifecycle, as required by claim 1 as amended.

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In the Office Action, figure 3 was cited as disclosing a lifecycle. Figure 3 discloses browsing a graphical representation of the video stream hierarchy using a GUI including a tree view and a list view of the video stream hierarchy (paragraphs [0105]-[0108]). However, figure 3 does not appear to show the features of a lifecycle as defined in Claim 1, as amended, where the lifecycle is defined by a set of stages and where the set of controls in the control tree are allowed to perform certain tasks depending on the control tree's stage in the lifecycle. Instead, figure 3 appears to only show a GUI that allows a user to browse a video hierarchy in order to select video segments from the hierarchy, and does not have any of the lifecycle features discussed above. Thus, Kim does not disclose advancing the control tree through a plurality of stages in a lifecycle based on the request, wherein the lifecycle is defined by a set of stages, and wherein the set of controls in the control tree are allowed to perform certain tasks depending on the control tree's stage in the lifecycle, as required by claim 1 as amended.

In view of the above comments, Applicants respectfully submit that Claim 1, as amended, is neither anticipated by, nor obvious in view of the cited references, and reconsideration thereof is respectfully requested.

Claims 30, 41, and 57

Claims 30, 41, and 57 have been similarly amended to more clearly define the respective embodiments therein. For similar reasons as provided above with respect to Claim 1, Applicants respectfully submit that Claims 30, 41, and 57 are likewise neither anticipated by, nor obvious in view of the cited references, and reconsideration thereof is respectfully requested.

Claims 2-13, 15, 29, 31-39, 42-53, and 55

Claims 2-13, 15, 29, 31-39, 42-53, and 55 are not addressed separately, but it is respectfully submitted that these claims are allowable as depending from an allowable independent claim, and further in view of the features that they add. Accordingly, applicants respectfully submit that Claims 2-13, 15, 29, 31-39, 42-53, and 55 are similarly neither anticipated by, nor obvious in view of the cited references, and reconsideration thereof is respectfully requested.

Claims 14, 16-28, 40, and 54

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Claims 14, 16-28, 40, and 54 have been cancelled by the current Response, rendering moot the rejections of these claims. Applicants respectfully reserve the right to prosecute the cancelled claims in a continuing or future application.

V. Conclusion

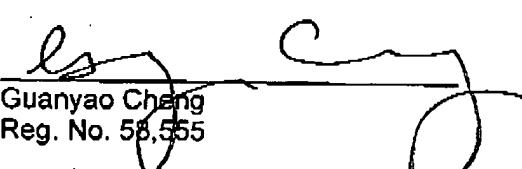
In view of the above amendments and remarks set forth above, it is respectfully submitted that all of the claims now pending in the subject patent application should be allowable, and reconsideration thereof is respectfully requested. The Examiner is respectfully requested to telephone the undersigned if he can assist in any way in expediting issuance of a patent.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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